

AMENDMENTS

IN THE CLAIMS:

Please amend the pending claims as indicated below:

- 1 1. (Currently Amended) A light emitting device, comprising:
2 a base substrate with a cavity and a trough to form a reflective cup;
3 a projecting platform at the base of the cavity, the projecting platform having
4 vertical walls and a surface;
5 a light emitter mounted on the projecting platform, the light emitter being
6 smaller in outline than the projecting platform; and
7 a coating having an adhesive material and particles of another substance,
8 wherein the coating is a viscous slurry when applied over and in direct contact with
9 the light emitter in the cavity, and hardens when cured after being applied over the
10 light emitter in the cavity, wherein when the coating, when being a viscous slurry, is
11 applied over the light emitter, the platform, ~~and~~ the cavity, and the trough allow the
12 particles in the coating to be evenly settled on and around the light emitter within the
13 cavity before the coating is cured, resulting in an evenly dispersed, uniform thickness
14 particle coating over the light emitter, the surface of the projecting platform and the
15 trough, the thickness of the particle coating being constant with respect to the light
16 emitter, the surface of the projecting platform and the trough.

- 1 2. (Previously presented) The device according to claim 1, wherein the platform
2 is formed as an integral part of the base substrate.

- 1 3. (Previously presented) The device according to claim 1, wherein the platform
2 is a discrete component attachable to the base substrate.

- 1 4. (Previously presented) The device according to claim 3, wherein the platform
2 and the base substrate are fabricated from different materials.

- 1 5. (Previously presented) The device according to claim 4, wherein the base
2 substrate comprises a metal and the platform comprises a material able to efficiently

3 dissipate heat generated by the light emitter.

1 6. (Previously presented) The device according to claim 1, wherein the reflective
2 cup provides reflection of light emitted by the light emitter.

1 7. (Previously presented) The device according to claim 6, wherein the cavity
2 has a sloping wall which is of frusto-conical form surrounding the projecting platform,
3 and the sloping wall and the platform are coated with a reflective material.

1 8. (Previously presented) The device according to claim 1, wherein the reflective
2 material is silver.

1 9. (Currently amended) The device according to claim 1, wherein the platform
2 allows the particles within the coating to settle to a lower position with respect to the
3 light emitter towards the periphery of the base of the cavity before the coating is
4 cured, thus allowing the thickness of the coating that contains the settled particles to
5 remain constant over the entire surface and sides of the light emitter.

1 10. (Previously presented) The device according to claim 1, wherein the particles
2 are of fluorescent or luminescent substance to absorb light of one wavelength and re-
3 emit light of a different wavelength.

1 11. (Previously presented) The device according to claim 10, wherein the
2 fluorescent or luminescent substance is phosphor and the adhesive material is epoxy.

1 12. (Previously presented) The device according to claim 1, further comprising a
2 lens positioned over the light emitter and the coating material to focus the emitted
3 light from the light emitter.

1 13. (Previously presented) The device according to claim 1, wherein the light
2 emitter is selected from the group of an LED and a laser diode.

1 14. (Canceled)

1 15. (Canceled)

1 16. (Canceled)

1 17. (Canceled)

1 18. (Canceled)